(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 24 February 2005 (24.02.2005)

PCT

(10) International Publication Number WO 2005/018208 A1

- (51) International Patent Classification?: H04M 1/2745,
- (21) International Application Number:

PCT/IT2003/000509

- (22) International Filing Date: 13 August 2003 (13.08.2003)
- (25) Filing Language:

Enelis

(26) Publication Language:

English

- (71) Applicant (for all designated States except US): TELE-COM ITALIA MOBILE S.p.A. [IT/IT]; Via P. Giannone, 4, 1-10121 Torino (IT).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): DI GIORGIO, Vincenzo [IT/IT]; Telecom Italia Mobile S.p.A., Via Aurelia, 737, I-00165 Roma (IT). PUNTILLO, Domenico, Francesco [IT/IT]; Telecom Italia Mobile S.p.A., Via Aurelia, 737, I-00165 Roma (IT).

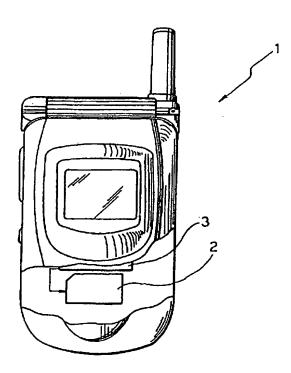
- (74) Agents: MARKOVINA, Paolo et al.; Pirclli & C. S.p.A., Viale Sarca, 222, I-20126 Milano (IT).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SI., SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW). Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

[Continued on next page]

(54) Title: PROCEDURE FOR PROCESSING USER'S IDENTIFICATION NUMBERS IN COMMUNICATION NETWORKS, CORRESPONDING COMMUNICATION TERMINAL SIM-CARD AND COMPUTER PRODUCT



(57) Abstract: A terminal for telecommunications networks, such as a mobile telephone (1), comprises at least one storage area (2), for storing user indicators and acting as an electronic address book, and processing capacity (3) for processing user indicators stored (2) in said storage area. The terminal is configured for organizing the indicators in at least a first and a second configuration. The first configuration comprises identifiers organized with the insertion of an identification code (CSP) of an operator, such as a long distance operator, selected by the user of the terminal, while the second configuration comprises identifiers organized with the inclusion of at least one of a country prefix and a local prefix. The user can thus make calls with the aid of his/her electronic address book without having to manually modify the stored numbers when the user moves (physically or in terms of service) between environments characterized by different telephone number configurations, without having to change back the numbers in the address book on return to the usual environment. Other possible configurations provide for the entry, as an identification code, of a code for the activation of calls by the network, designed to enable the terminal (1) to be called back by the corresponding network (for example in order to permit a prepaid roaming service), a billing code (for example one designed to enable calls made to be debited to the called user), and/or a code which authorizes callers to call from one or more lines associated with the terminal (1) and/or with the corresponding SIM-type card (2).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.